

Serial No. **10/632,988**

Docket No. **YHK-0115**

Amendment dated **January 18, 2006**

Reply to Office Action of **November 18, 2005**

Amendments to the Drawings:

The attached drawings include changes to Figures 7, 9, 10 and 11. These sheets, which include Figures 7, 9, 10 and 11, replace the original sheets including Figures 7, 9, 10 and 11.

Attachment: Replacement Sheet
Annotated Sheet Showing Changes

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REMARKS/ARGUMENTS

Claims 1, 4-7, 9-11, 13-15 and 20-22 are pending in this application. By this Amendment, claims 1, 4-7, 9-11, 13 and 14 are amended, claims 2, 3, 8, 12 and 16-19 are canceled without prejudice or disclaimer and new claims 20-22 are added.

Figures 7, 9, 10 and 11 stand objected to based on informalities. The indicated informality of misspelling of the word "temperature" has been corrected per Examiner's suggestions. Provided herewith are annotated and replacement sheets for those Figures. Hence, withdrawal of this objection is respectfully requested.

The title stands objected to as being non-descriptive. The title has been changed to "METHOD AND APPARATUS FOR TEMPERATURE DEPENDENT DRIVING OF A PLASMA DISPLAY PANEL," based on the Examiner's suggestion. Hence, withdrawal of this rejection is respectfully requested.

The claims stand rejected as follows:

- (1) Claims 1, 2, 7 and 8 under 35 U.S.C. §102(e) over Awamoto et al. (U.S. Patent No. 6,720,940) (hereinafter "Awamoto");
- (2) Claims 3-6 and 9-10 under 35 U.S.C. §103(a) over Awamoto;
- (3) Claims 11, 12 and 15-17 under 35 U.S.C. §103(a) over Awamoto in view of Nagai (U.S. Patent No. 6,011,355) (hereinafter "Nagai"); and

(4) Claims 13-14 and 18-19 under 35 U.S.C. §103(a) over Awamoto in view of Nagai and in further view of application Figures 3 and 5.

Although it is respectfully submitted that the above rejections fail to disclose or teach the claimed invention, the previously pending claims are amended for the sole purpose of expediting the prosecution. Independent claims 1, 7 and 11 have been amended to incorporate the subject matter previously recited in dependent claim 3. Hence, if the above second rejection is overcome, all the rejections are overcome.

As the Examiner may be aware, Awamoto relates to change of sustain pulses or decrease of total time, as described at column 8, lines 11-24 and Figure 6. Awamoto has nothing to do with changing the waveform provided in the initialization period. In previously rejecting dependent claim 3, the Examiner indicated paragraph 20 of the application for motivation. However, in view of the teaching of Awamoto, which discloses changing the sustain period, at best, this combination would suggest a waveform having different waveforms in the sustain period, and there would be no suggestion or teaching of changing the waveform in the initialization period. It is respectfully submitted that the Patent Office is applying impermissible hindsight using the Applicants' own teaching to reject the claimed invention.

Further, Nagai or Figures 3 and 5 suggest or teach the claimed features found lacking in independent claims 1, 7 and 11. Hence, withdrawal of all the rejections identified above is respectfully requested since a *prima facie* case of obviousness has not been established.

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New claims 20-22 have been added to further clarify the features. These dependent claims are also believed to be in condition for allowance.

CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, **Daniel Y.J. Kim**, at the telephone number listed below.

In view of the foregoing amendments and remarks, it is respectfully submitted that this application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited.

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To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
FLESHNER & KIM, LLP

Daniel Y.J. Kim
Registration No. 36,186

Attachments: Figures 7, 9, 10 and 11
Replacement and Annotated Sheets

P.O. Box 221200
Chantilly, Virginia 20153-1200
(703) 766-3701 DYK/dak

Date: January 18, 2006

Please direct all correspondence to Customer Number 34610

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FIG. 7

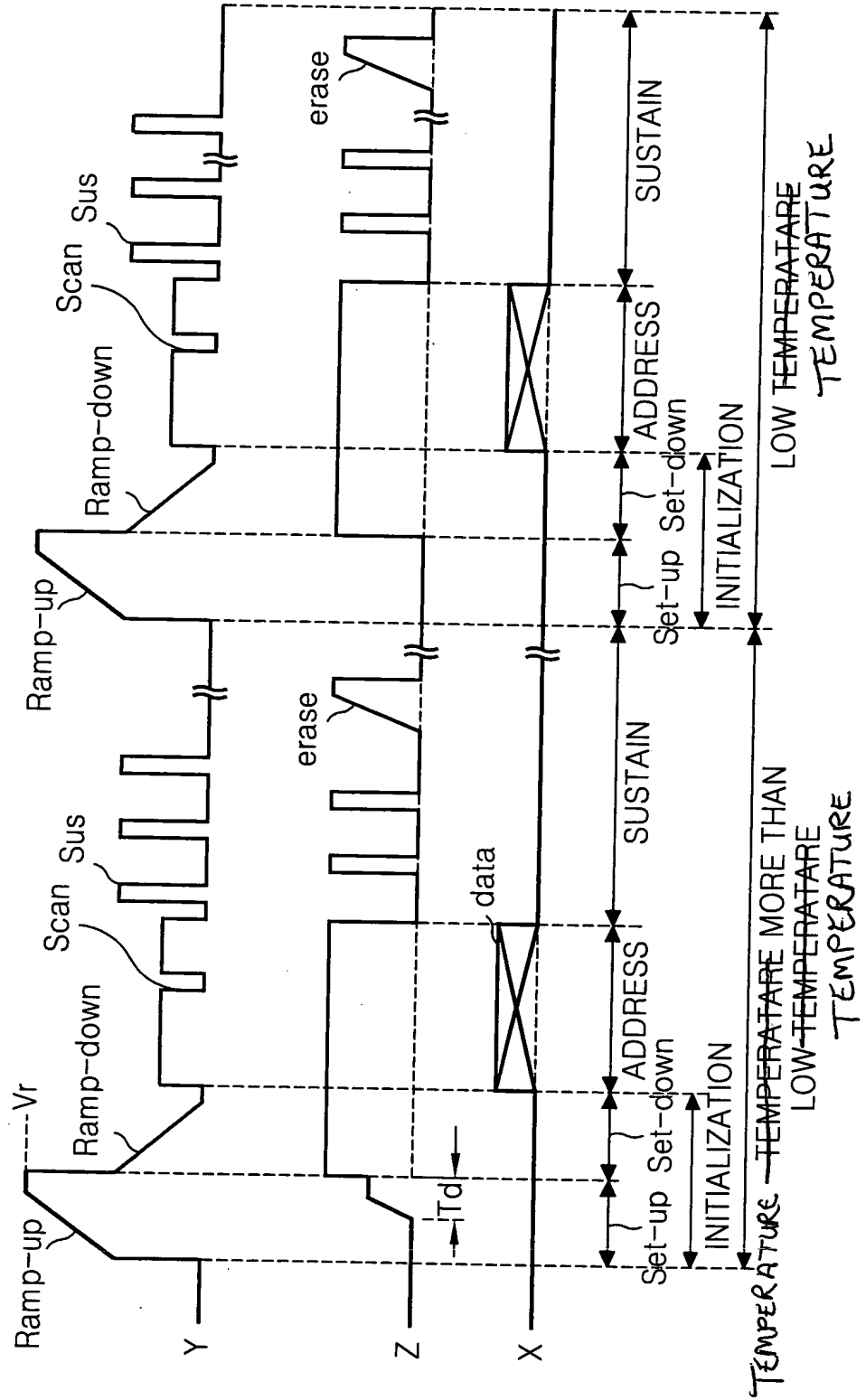


FIG.9

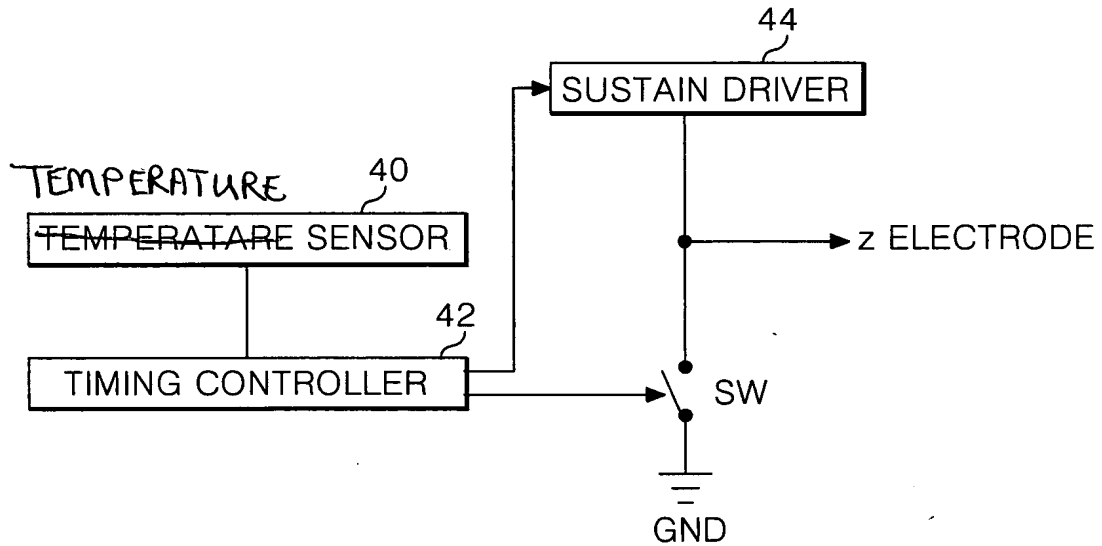


FIG.10

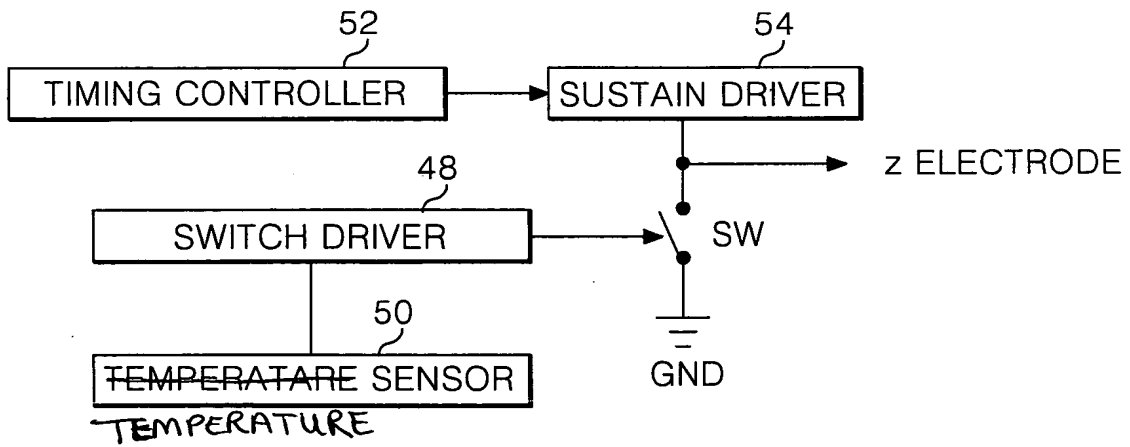


FIG.11

